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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known			
		Application Number	10/041,007		
		Filing Date	January 7, 2002		
		First Named Inventor	Seiichi P. Matsuda		
		Art Unit	N/A		
		Examiner Name	Not Yet Assigned		
Sheet	1	of	2	Attorney Docket Number	HO-P02081US1

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
EP	AA	5,241,084-	08-31-1993	Teng	
EP	AB	5,322,688-	06-21-1994	Schwabe	
EP	AC	5,389,370-	02-14-1995	O'Reilly et al.	
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EP	AF	5,599,950-	02-04-1997	Teng	
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FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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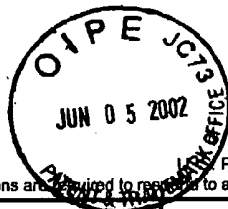
Examiner Signature	Rebecca Proulx	Date Considered	9/17/04
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¹ Applicant's unique citation designation number (optional). ² See attached Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
				Application Number	10/041,007
				Filing Date	January 7, 2002
				First Named Inventor	Seiichi P. Matsuda
				Group Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	2	of	2	Attorney Docket Number	HO-P02081US1

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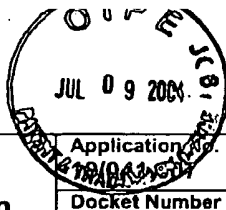
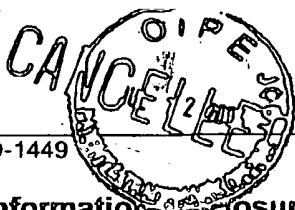
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RP	CA	Balz, J.P., et al. (1999) Production of ginkgolides and bilobalide by Ginkgo biloba plants and tissue cultures. Planta Medica 65(7): 620-626	
RP	CB	Bohlmann, J. et al. (1998) Proc. Natl. Acad. Sci. USA 95, 4126-4133.	
RP	CC	Cartayrade, A., et al. (1997) Plant Physiol. Biochem. 35, 859-868.	
RP	CD	Corey, E. J., et al. (1987) J. Am. Chem. Soc. 109, 7534-7536.	
RP	CE	Corey, E. J., et al. (1988) J. Am. Chem. Soc. 110, 649-651.	
RP	CF	Corey, E. J., et al. (1988) Tetrahedron Lett. 29, 3205-3206.	
RP	CG	Le Bars, Pl. L. et al. (1997) A placebo-controlled, double-blind, randomized trial of an extract of Ginkgo biloba for dementia. North American EGb Study Group. J. Amer. Med. Assoc. 278(16):1327-32.	
RP	CH	Neau, E., et al. (1997) Plant Physiol. Biochem. 35, 869-879.	
RP	CI	Schwarz, M., et al. (1999) Comp. Nat. Prod. Chem. 2, 367-400.	
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Examiner Signature	Rebecca Ponty	Date Considered	9/12/04
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PTO-1449		Application No. 12/041,671		Applicant(s) Seiichi P.T. Matsuda, et al.			
Information Disclosure Citation in an Application		Docket Number 002376.0990		Group Art Unit 1652		Filing Date 1-07-2002	
U.S. PATENT DOCUMENTS							
		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
RP	A.	4849410	07-18-1989	R. Jacobs, et al.	514	33	08-14-1987
RP	B.	5151352	09-29-1992	H. Nakano, et al.	435	123	09-30-1991
RP	C.	5189187	02-23-1993	H. Nakano, et al.	549	548	06-24-1992
RP	D.	5589581	12-31-1996	N. Misawa, et al.	536	23.2	03-10-1994
RP	E.	5602184	02-11-1997	C. Myers, et al.	514	739	03-03-1993
RP	F.	5637484	06-10-1997	Y. Yukimune, et al.	435	123	11-09-1994
RP	G.	5429939	07-04-1995	N. Misawa, et al.	435	67	10-23-1991
RP	H.	5473057	12-05-1995	W. Fenical, et al.	536	17.3	11-09-1994
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RP	J.	6235287	05-22-2001	M. Weidner, et al.	424	195.1	01-08-1999
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		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	K.						
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RP	L.	Albrecht, M., et al., <i>Synthesis of atypical cyclic and acyclic hydroxy carotenoids in Escherichia coli transformants</i> , Journal of Biotechnology 58 (1997) 177-185.					09-22-1997
RP	M.	Bailey, James E., <i>Toward a Science of Metabolic Engineering</i> , Science, New Series, Volume 252, Issue 5013, 1668-1675.					06-21-1991
RP	N.	Basson, Michael E., et al., <i>Identifying Mutations in Duplicated Functions in Saccharomyces cerevisiae: Recessive Mutations in HMG-CoA Reductase Genes</i> , Genetics, 117, 645-655.					12-1987
RP	O.	Basson, Michael E., <i>Saccharomyces cerevisiae contains two functional genes encoding 3-hydroxy-3-methylglutaryl-coenzyme A reductase</i> , Proc. Natl. Acad. Sci. USA 83: 5563-57.					1986
RP	P.	Corey, E.J., et al., <i>Isolation of an Arabidopsis thaliana gene encoding cycloartenol synthase by functional expression in a yeast mutant lacking lanosterol synthase by the use of a chromatographic screen</i> , Proc. Natl. Acad. Sci. USA Vol. 90, pp. 11628-11632.					12-1993
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RP	S.	Hara, Mitsunobu, et al., <i>Leinamycin, A New Antitumor Antibiotic From Streptomyces, Producing Organism, Fermentation and Isolation</i> , The Journal of Antibiotics, pp. 1768-1774. Vol. XLII					12-1989
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RP	U.	Jiang, Yu, et al., <i>BTS1 Encodes a Geranylgeranyl Diphosphate Synthase in Saccharomyces cerevisiae</i> , The Journal of Biological Chemistry, Vol. 270, No. 37, pp. 21793-21799.					09-15-1995
EXAMINER Rebecca Rong				DATE CONSIDERED 9/17/07			
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PTO-1449		Application No. 10/041,007		Applicant(s) Seiichi P.T. Matsuda, et al.	
Information Disclosure Citation in an Application		Docket Number 002376.0990		Group Art Unit 1652	Filing Date 1-07-2002
U.S. PATENT DOCUMENTS					
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A.					
FOREIGN PATENT DOCUMENTS					
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS
B.					
NON-PATENT DOCUMENTS					
	DOCUMENT (Including Author, Title, Source, and Pertinent Pages)				DATE
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RP	D.	Kholodenko, Boris N., et al., <i>Metabolic Design: How to Engineer a Living Cell to Desired Metabolite Concentrations and Fluxes</i> , Biotechnol Bioeng., 59(2):239-247.			07-20-1998
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RP	H.	Lewis, T.L., et al., <i>Pleiotropic Mutations in Saccharomyces cerevisiae Affecting Sterol Uptake and Metabolism</i> , Yeast 4(2):93-106.			1988
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RP	J.	Misawa, Norihiko, et al., <i>Production of B-Carotene in Zymomonas mobilis and Agrobacterium tumefaciens by Introduction of the Biosynthesis Genes from Erwinia uredovora</i> , Applied and Environmental Microbiology, Vol. 57, No. 6, p. 1847-1849.			06-1991
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RP	P.	Parks, Leo W., et al., <i>Physiological Implications of Sterol Biosynthesis in Yeast</i> , Annu. Rev. Microbiol. 49:95-116.			1995
RP	Q.	Parks, Leo W., et al., <i>Biochemical and Physiological Effects of Sterol Alterations in Yeast-A Review</i> , Lipids Vol. 30 No. 3:227-230.			1995
RP	R.	Peters, Reuben J., et al., <i>Abietadiene Synthase from Grand Fir (Abies grandis) Characterization and Mechanism of Action of the "Pseudomature" Recombinant Enzyme</i> , Biochemistry 39: 15592-15602.			12-2000
RP	S.	Polakowski, T., et al., <i>Overexpression of a cytosolic hydroxymethylglutaryl-CoA reductase leads to squalene accumulation in yeast</i> , Appl Microbiol Biotechnol., 49:66-71.			1998
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EXAMINER				DATE CONSIDERED	
Rebecca Prout				9/17/01	
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PTO-1449		Application No. 10/041,007		Applicant(s) Seiichi P.T. Matsuda, et al.	
Information Disclosure Citation in an Application		Docket Number 002376.0990		Group Art Unit 1652	Filing Date 1-07-2002
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RP	H.	Yamano, Shigeyuki, et al., <i>Metabolic Engineering for Production of B-Carotene and Lycopene in Saccharomyces cerevisiae</i> , Biosci. Biotech. Biochem., 58(6): 1112-1114.			1994
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Rebecca Porty		9/17/04			
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